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(iii) a third lens unit which has a positive power, said third lens unit comprising color correcting means for correcting the chromatic aberrations of the lens system, said color correcting means comprising a material, other than an acrylic plastic, having an abnormal partial dispersion;
wherein said color correcting means reduces the secondary lateral color of the projection lens.--

REMARKS

The above amendments to independent Claims 19, 31, 44, and 52 are being made to distinguish those claims from applicant's prior U.S. Patent No. 5,218,480 (the '480 patent). The '480 patent was of record during the prosecution of applicant's original application No. 08/350,652 and the claims which issued from that application (i.e., Claims 1-18 of this reissue application) fully distinguish this reference.

Independent Claims 19, 31, 44, and 52 as originally filed in this reissue application called for a lens element (or, in some cases, a color correcting means) composed of a material having an abnormal partial dispersion. As originally filed, those claims did not specify the function of the element or means. Attached as Exhibit A is a list of the glasses used in the examples of the '480 patent. In reviewing this list, it was noted that Examples 2, 5, and 8 of the '480 patent use the glass NBFD10, which is the abnormal dispersion glass employed in Example 12 of the present application. Significantly, however, in these examples, the NBFD10 glass does not reduce the secondary lateral color of the projection lens.

As set forth above, each of applicant's independent claims directed to the use of abnormal dispersion materials (i.e., Claims 19, 31, 44, and 52) has been amended to require that the use of the abnormal partial dispersion material "reduces the secondary lateral color of the projection lens."

Support for this amendment can be found in dependent Claims 20, 32, 45, and 53, which have been cancelled without prejudice, as well as at column 5, line 39, to column 6, line 25, of applicant's specification and in applicant's Examples 12 and 14.

In addition to the NBFD10 glass, various of the other glasses used in the '480 patent have abnormal partial dispersions. However, like the NBFD10 glass, these glasses do not reduce the secondary lateral color of the projection lens as now required by all of applicant's claims calling for an abnormal dispersion material.

Various of the projection lenses of the '480 patent use lens elements composed of an acrylic plastic. Acrylic has an abnormal partial dispersion and in some examples of the '480 patent, the acrylic lens elements affect the correction of secondary lateral color, e.g., L9 of Example 1, L9 of Example 2, and L7 of Example 8 reduce secondary lateral color.

To ensure that the claims of the present application do not read on any of these examples, applicant has amended independent Claims 19, 31, 44, and 52 to specify that the "material having an abnormal partial dispersion" called for by these claims is not acrylic. Support for this amendment can be found at column 5, line 39, to column 6, line 25, of applicant's specification and in applicant's Examples 12 and 14. In particular, Examples 12 and 14, in addition to employing acrylic lens elements L9 and L10, respectively, also employ non-acrylic elements which have an abnormal partial dispersion and reduce the secondary lateral color of the projection lens, i.e., element L8 of Example 12 which is composed of NBFD10 and elements L7 and L8 of Example 14 which are composed of KZFS4 and FK52, respectively.

Based on the foregoing amendments, applicant believes that his claims fully distinguish the prior art. Consideration of the above

amendments and comments in connection with the examination of this application is respectfully requested.

Respectfully submitted,

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Exhibit A

Glasses from USP 5,218,480

Glass Name	Catalog	Ne	Ve
Acrylic	Plastics	1.493776	56.9
F2	Hoya	1.624078	36.1
TAC2	Hoya	1.744354	52.4
FD2	Hoya	1.652222	33.6
NBFD13	Hoya	1.810805	40.5
BSC7	Hoya	1.518718	64
FD6	Hoya	1.812639	25.3
BACD5	Hoya	1.591421	61
LAC8	Hoya	1.716149	53.7
NBFD10	Hoya	1.839292	37.1
FD5	Hoya	1.677646	31.9
FD13	Hoya	1.747059	27.6
NBFD11	Hoya	1.790147	43.7
FD11	Hoya	1.79192	25.5
FD1	Hoya	1.723104	29.3
NBF1	Hoya	1.746897	49
FL5	Hoya	1.584808	40.6
CF6	Hoya	1.519778	51.9
BACD18	Hoya	1.641286	55.2